

T

AN 120:20066 HCA  
TI Manufacture of high purity single crystal copper  
ingots  
IN Sugiura, Tooru  
PA Dowa Mining Co, Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|----|--|------|----------|-----------------|----------|
| PI | <del>JP 05078195</del>   | A2   | 19930330 | JP 1991-268192  | 19910919 |
| AB | The title process comprises vertical fixation of a graphite mold, which has an inverse conical bottom, in a graphite crucible keeping a space between the mold and the crucible for retention of a Cu melt, placement of the Cu material .gtoreq.99.999% in purity and .ltoreq.1 ppm in total S-Ag content in the mold and another Cu material in the space, upward movement of an induction coil at 0.1-20 mm/min while heating the mold. |      |          |                 |          |